

REMARKS

The specification has been amended including adding a new title as suggested in the Official Action, to place the application in condition for allowance at the time of the next Official Action.

Claims 1-13 were previously pending in the application. Claims 2, 3, 5, 6, 8, 9, 11 and 12 are canceled, leaving claims 1, 4, 7, 10 and 13 for consideration.

Claims 1, 4, 7, 10 and 13 are rejected as unpatentable over applicants' disclosed prior art in view of CHOI et al. 6,429,918, LEE et al. 6,281,953 and SATO et al. 5,718,992. This rejection is respectfully traversed.

The position set forth in the Official Action is that applicants' disclosed prior art in view of CHOI et al. and LEE et al. disclose all that is recited except for the limitation that the resistance value of the black matrix is greater than 10^2 and less than $10^5 \Omega$ cm.

SATO et al. is offered for this teaching. However, column 9, lines 32-41, of SATO et al., noted in the Official Action, disclose the resistance values of a substrate having light-shielding properties for a black and white display, not a black matrix used as a light-shielding layer of a color layer for a color display.

Column 10, lines 24-41 of SATO et al. teach a black matrix and the resistive values of the black matrix when the

black matrix is used as a light-shielding layer of a color filter. As disclosed in this latter passage, there are two resistivity values, volume resistivity and surface resistivity. As known to those of ordinary skill in the art, surface resistivity is expressed in ohms/square and as such would not meet the limitation of the recited resistance value expressed in ohms cm.

The volume resistivity of SATO et al. is expressed in ohms cm and would appear to meet the limitations of the specific resistivity in as much as both values (volume resistivity of SATO et al. and specific resistivity of the present application) are expressed in ohms cm.

However, values of the volume resistivity of the black matrix for the color display of SATO et al. are 1×10^6 to $1 \times 10^{12} \Omega$ cm. See also claims 4 and 10 of SATO et al. Such values fall outside the recited range of greater than 1×10^2 and less than $1 \times 10^5 \Omega$ cm. Accordingly, the recited range would not be obvious to one having ordinary skill in the art attempting to modify a black matrix for a color display and thus claim 1 would define over the proposed combination of references.

Claims 4, 7, 10 and 13 depend from claim 1 and further define the invention and are also believed patentable over the proposed combination of references.

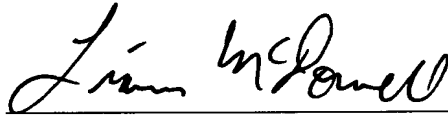
In view of the present amendment and the foregoing remarks, it is believed that the present application has been

placed in condition for allowance. Reconsideration and allowance are respectfully requested.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

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